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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Lim *et al.*

SERIAL NO.: 09/518,297

FILED: March 3, 2000

FOR: DNA BINDING COMPOUND-MEDIATED
MOLECULAR SWITCH SYSTEM

EXAMINER: Chih-Min Kam

ART UNIT: 1643

Amendment Under 37 C.F.R. § 1.111

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This amendment is in response to the Office Action mailed March 27, 2003 in the above-identified application.

In the Claims:

Please cancel claims 1-5, 7-8, 11, 13-17 and 27-30, add claims 34-38, and amend claims 6, 9, 10, 12, 19, 21 and 23-26 as follows:

6. (Amended) A molecular switch, comprising:
- a first nucleic acid construct having
- (i) a DNA response element for a transcriptional regulatory protein operably linked to a first promoter;
- (ii) a non-native compound binding sequence which is the same as, overlapping, or adjacent to said DNA response element for binding to a DNA binding compound;